

Amendments to the Claims:

Please amend the claims as indicated.

1. (Currently Amended) A modeling apparatus for provisioning a storage resource, the apparatus comprising:

a specification module configured to specify a Logical Unit Number (LUN) storage resource of a plurality of existing storage resources corresponding to a client as a model storage resource in a modeling policy;

a monitoring module configured to monitor ~~the~~ a plurality of existing storage resources corresponding to a client and identify a model storage server and a model storage pool of the model storage resource in the modeling policy, wherein the model storage server manages a plurality of storage pools, ~~wherein one of the plurality of existing storage resources designated is the model storage resource;~~

a policy module configured to store a plurality of storage provisioning policies, the plurality of storage provisioning policies ~~defining a~~ comprising the modeling policy; and

a provisioning module configured to receive a storage alert for the client and provision a new LUN storage resource for the client in the model storage pool if the new LUN storage resource can be provisioned in the model storage pool else if the new LUN storage resource cannot be provisioned in the model storage pool, provision the new LUN storage resource for the client in the any storage pool managed by the model storage server ~~according to the modeling~~

policy, wherein the new LUN storage resource is modeled after the model storage resource.

2. (Original) The apparatus of claim 1, further comprising a specification module configured to allow a user to specify one of the plurality of storage provisioning policies.

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Original) The apparatus of claim 1, wherein the modeling policy specifies a model group to which the model storage resource belongs.

7. (Original) The apparatus of claim 6, wherein the model group comprises a volume group used by the client.

8. (Currently Amended) The apparatus of claim 1, wherein the new LUN storage resource is assigned to a file system and expands a storage capacity of the file system.

9. (Original) The apparatus of claim 8, wherein the modeling policy specifies a model group to which the model storage resource belongs, the model group comprising a volume group in which the file system is stored.

10. (Original) The apparatus of claim 1, wherein the new storage resource is assigned to a raw logical volume and expands a storage capacity of the raw logical volume.

11. (Currently Amended) A system for provisioning a storage resource, the system comprising:

a client having a file system;

a storage resource manager server configured to monitor a plurality of existing storage resources corresponding to the client, specify a LUN storage resource as a model storage resource in a modeling policy, wherein the model storage resource is one of the plurality of existing storage resources, identify a model storage server and a model storage pool of the model storage resource in the modeling policy, wherein the model storage server manages a plurality of storage pools, receive a storage alert for the client, and to provision a new LUN storage resource for the client in the model storage pool if the new LUN storage resource can be provisioned in the model storage pool else if the new LUN storage resource cannot be provisioned in the model storage pool, provision the new LUN storage resource for the client in the any storage pool managed by the model storage server according to the modeling policy, wherein the new storage resource is modeled after the model storage resource; and

the model a storage server configured to manage ~~store~~ the model storage resource and the new LUN storage resource.

12. (Currently Amended) The system of claim 11, further comprising a storage resource manager repository configured to store a plurality of storage provisioning policies, the plurality of storage provisioning policies ~~defining~~ comprising the modeling policy.

13. (Original) The system of claim 12, further comprising a user interface module configured to allow a user to access and specify one of the plurality of storage provisioning policies.

14. (Currently Amended) The system of claim 11, ~~wherein the model storage resource is stored in a storage pool in the storage server and wherein the modeling policy specifies a storage~~

location in which the new storage resource is provisioned and specifies a model group to which the model storage resource belongs.

15. (Currently Amended) A computer readable storage medium comprising computer readable code configured to carry out a process for provisioning a storage resource, the process comprising:

specifying a LUN storage resource of a plurality of existing storage resources corresponding to a client as a model storage resource in a modeling policy;

monitoring the plurality of existing storage resources corresponding to a client, wherein one of the plurality of existing storage resources is designated as a the model storage resource in the modeling policy;

identifying a model storage server and a model storage pool of the model storage resource in the modeling policy, wherein the model storage server manages a plurality of storage pools;

storing a plurality of storage provisioning policies, the plurality of storage provisioning policies defining a comprising the modeling policy; and

receiving a storage alert for the client; and

provisioning a new storage resource for the client in the model storage pool if the new LUN storage resource can be provisioned in the model storage pool else if the new LUN storage resource cannot be provisioned in the model storage pool, provision the new LUN storage resource for the client in the any storage pool managed by the model storage server according to the storage provisioning policies, wherein the new storage resource is modeled after the model storage resource.

16. (Original) The computer readable storage medium of claim 15, wherein the process further comprises allowing a user to specify one of the plurality of storage provisioning policies.

17. (Canceled)

18. (Canceled)
19. (Canceled)
20. (Original) The computer readable storage medium of claim 15, wherein the modeling policy specifies a model group to which the model storage resource belongs.
21. (Previously Presented) The computer readable storage medium of claim 20, wherein the model group comprises a volume group used by the client.
22. (Currently Amended) The computer readable storage medium of claim 21, wherein the new LUN storage resource corresponds to a file system and wherein the model group comprises a volume group in which the file system is stored.
23. (New) The apparatus of claim 1, wherein the storage alert is in response to detecting a need to extend a file system and wherein the file system comprises the model storage resource.
24. (New) The apparatus of claim 23, wherein the file system comprises a volume group, the model storage resource is in the volume group of the file system, and the new LUN storage resource is provisioned in the volume group of the file system.
25. (New) The system of claim 11, wherein the storage alert is in response to detecting a need to extend a file system and wherein the file system comprises the model storage resource.
26. (New) The system of claim 25, wherein the file system comprises a volume group, the model storage resource is in the volume group of the file system, and the new LUN storage resource is provisioned in the volume group of the file system.

27. (New) The computer readable program medium of claim 15, wherein the storage alert is in response to detecting a need to extend a file system and wherein the file system comprises the model storage resource.

28. (New) The computer readable program medium of claim 27, wherein the file system comprises a volume group, the model storage resource is in the volume group of the file system, and the new LUN storage resource is provisioned in the volume group of the file system.